

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031524\
 Data File : VW028209.D
 Acq On : 15 Mar 2024 14:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025518

Quant Time: Mar 18 01:32:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 18 01:23:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	192359	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	174389	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93262	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	55376	24.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.400%
7) Chloroethane-d5	2.905	69	41065	26.115	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.480%
11) 1,1-Dichloroethene-d2	4.021	65	37046	25.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.840%
21) 2-Butanone-d5	7.075	46	39875	60.069	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.140%
24) Chloroform-d	7.648	84	165326	29.147	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.600%
26) 1,2-Dichloroethane-d4	8.301	65	93880	30.034	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.120%
32) Benzene-d6	8.276	84	316221	29.700	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.800%
36) 1,2-Dichloropropane-d6	9.270	67	91312	29.802	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.200%
41) Toluene-d8	10.319	98	292123	29.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.000%
43) trans-1,3-Dichloroprop...	10.575	79	41324	29.695	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.760%
47) 2-Hexanone-d5	10.922	63	33280	65.710	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	71673	31.667	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.680%#
66) 1,2-Dichlorobenzene-d4	13.848	152	98507	28.995	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.960%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	54191	19.420	ug/L	91
3) Chloromethane	2.222	50	41185	20.810	ug/L	98
5) Vinyl chloride	2.375	62	49096	21.945	ug/L	96
6) Bromomethane	2.795	94	30095	22.588	ug/L	100
8) Chloroethane	2.936	64	26359	21.921	ug/L	98
9) Trichlorofluoromethane	3.271	101	57827	21.379	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	58347	21.714	ug/L #	75
12) 1,1-Dichloroethene	4.045	96	56932	22.920	ug/L	93
13) Acetone	4.118	43	28739	38.992	ug/L	98
14) Carbon disulfide	4.393	76	173245	22.362	ug/L	99
15) Methyl Acetate	4.667	43	26917	23.709	ug/L	98
16) Methylene chloride	4.917	84	61468	20.995	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	61145	23.163	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	99631	25.015	ug/L	99
19) 1,1-Dichloroethane	6.222	63	119785	23.439	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	68372	23.982	ug/L	96
22) 2-Butanone	7.167	43	36381	43.475	ug/L	96
23) Bromochloromethane	7.520	128	29580	23.468	ug/L	93
25) Chloroform	7.679	83	125020	23.763	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	88649	23.860	ug/L	96
29) Cyclohexane	7.953	56	103625	22.782	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	109156	23.878	ug/L	99
31) Carbon tetrachloride	8.069	117	99476	23.199	ug/L	98
33) Benzene	8.325	78	257983	24.041	ug/L	100
34) Trichloroethene	9.087	95	70954	23.699	ug/L	95
35) Methylcyclohexane	9.331	83	114834	22.692	ug/L	99
37) 1,2-Dichloropropane	9.367	63	66371	24.181	ug/L	100
38) Bromodichloromethane	9.642	83	90138	24.357	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	108811	24.754	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	77731	51.305	ug/L	98
42) Toluene	10.386	91	278466	23.777	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	92748	24.991	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	49178	24.798	ug/L	98
46) Tetrachloroethene	10.861	164	54697	22.665	ug/L	97
48) 2-Hexanone	10.965	43	55930	47.126	ug/L	98
49) Dibromochloromethane	11.123	129	57506	24.485	ug/L	93
50) 1,2-Dibromoethane	11.233	107	47170	24.875	ug/L	98
51) Chlorobenzene	11.654	112	178111	23.960	ug/L	98
52) Ethylbenzene	11.727	91	326118	23.853	ug/L	99
53) m,p-Xylene	11.837	106	122362	23.783	ug/L	99
54) o-Xylene	12.160	106	118584	24.855	ug/L	93
55) Styrene	12.178	104	200815	24.504	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	57956	25.550	ug/L	99
59) Bromoform	12.349	173	34117	24.413	ug/L	99
60) Isopropylbenzene	12.458	105	328074	23.676	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	43544	24.464	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	223736	24.064	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	266889	23.773	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	143257	23.174	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	142952	23.126	ug/L	92
67) 1,2-Dichlorobenzene	13.861	146	133211	25.023	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	10406	24.888	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	105760	24.561	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	87190	23.835	ug/L	98
71) Naphthalene	15.360	128	157569	25.096	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	72352	23.992	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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